

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
(571) 273-2885

or Fax

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 3 should be completed where appropriate. All further correspondence regarding the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Print Use Block 1 for any change of address)

15872

7590

09/22/2005

THE LAW OFFICES OF ANDREW D. FORTNEY, PH.D.,  
P.C.  
7257 N. MAPLE AVENUE  
BLDG. D, SUITE 107  
FRESNO, CA 93720

Notes: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being transmittal transmitted to the USPTO (571) 273-2885, on the date indicated below.

Jennie Heaton (Depositor's name)  
Jennie Heaton (Signature)  
12-22-2005 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10751,175	12/30/2003	Nyeon-Sik Jeung	PIA31179/CBB/JJS	3385

TITLE OF INVENTION: SEMICONDUCTOR PACKAGE WITH A HEAT SPREADER

01/05/2006 TL0022 00000006 10751175

APPL. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	12/22/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
HU, SHOUXIANG	2811	257-777000

## 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

## 2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. Andrew D. Fortney, Ph.D.

2. \_\_\_\_\_

3. \_\_\_\_\_

## 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recording as set forth in 37 CFR 1.11. Completion of this form is NOT a substitute for filing an assignment.

## (A) NAME OF ASSIGNEE

DongbuAnam Semiconductor Inc.

## (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Seoul Republic of Korea

Please check the appropriate assigner category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

## 4a. The following fee(s) are enclosed:

- ☒ Issue Fee  
☒ Publication Fee (No small entity discount permitted)  
☐ Advance Order - # of Copies \_\_\_\_\_

## 4b. Payment of Fee(s):

- ☐ A check to the amount of the fee(s) is enclosed.  
☒ Payment by credit card. Form PTO-2038 is attached.  
☐ The Director is hereby authorized by check the required fee(s), or credit any overpayment, to Deposit Account Number \_\_\_\_\_ (enclose an extra copy of this form).

## 5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(a)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered attorney or agent, or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Andrew D. Fortney, Ph.D.

Date

12-22-2005

Typed or printed name

Andrew D. Fortney, Ph.D.

Registration No.

34,600

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including preparation, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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DEC 22 2005

PTO/SB/17 (12-04v2)

Approved for use through 07/31/2008. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Effective on 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).**FEE TRANSMITTAL**  
**For FY 2005**☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 1700

**Complete if Known**

Application Number	10/751,175
Filing Date	12-30-2003
First Named Inventor	Nyeon-Sik JEONG
Examiner Name	Hu, Shouxiang
Art Unit	2811
Attorney Docket No.	PIA31179/DBE/US

**METHOD OF PAYMENT (check all that apply)**☐ Check ☒ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_☐ Deposit Account Deposit Account Number: \_\_\_\_\_ Deposit Account Name: \_\_\_\_\_

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee☐ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☐ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180
<b>Total Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>
- 20 or HP = _____ x _____ = _____		0
HP = highest number of total claims paid for, if greater than 20.		
<b>Indep. Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>
- 3 or HP = _____ x _____ = _____		0
HP = highest number of independent claims paid for, if greater than 3.		

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 = _____	/ 50 = _____	(round up to a whole number) x _____		0

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)	Fee Paid (\$)
Other (e.g., late filing surcharge): Issue Fee (\$1400.); Publication Fee (\$300.)	1700.

**SUBMITTED BY**

Signature		Registration No. (Attorney/Agent)	34,600	Telephone	555-299-0128
Name (Print/Type)	Andrew D. Fortney, Ph.D.	Date	12-22-2005		

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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ANDREW D. FORTNEY, PH.D.

ALEC B. PLUMB\*

\*REGISTERED PATENT AGENT

ATTN: **MAIL STOP ISSUE FEE**

COMPANY: COMMISSIONER FOR PATENTS / P.O. Box 1450, ALEXANDRIA VA 22313-1450

FAX: 1 (571) 273-2885

DATE: 12-22-2005TIME: 4:40 PM

- ☐ WITH CONFIRMATION  
☒ WITHOUT CONFIRMATION

RE: APPLICATION No. 10/751,175  
FILED: 12-30-2003

I hereby certify that this document and all documents listed below are being transmitted via facsimile to Commissioner for Patents, fax no. (571) 273-2885, on December 22, 2005.

By: Jennie Heaton

Jennie Heaton

SUBMITTED HERewith FOR THE ABOVE-CAPTIONED APPLICATION:

- Transmittal Form
- Fee Transmittal Form
- PTOL-85, Part B - Fee(s) Transmittal
- Credit Card Payment Form

Respectfully submitted,

Andrew D. Fortney, Ph.D.; Reg. No. 34,600

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THIS FAX CONTAINS 5 PAGE(S) INCLUDING THIS ONE.

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PTO/SB/21 (09-04)

Approved for use through 07/31/2008. OMB 0851-0031  
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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

5

Application Number

10/751,175

Filing Date

12-30-2003

First Named Inventor

Nyeon-Sik JEONG

Art Unit

2811

Examiner Name

Hu, Shouxiang

Attorney Docket Number

PIA31179/DBE/US

**ENCLOSURES** (Check all that apply)

Fee Transmittal Form



Fee Attached



Amendment/Reply



After Final



Affidavits/declaration(s)



Extension of Time Request



Express Abandonment Request



Information Disclosure Statement



Certified Copy of Priority Document(s)

Reply to Missing Parts/  
Incomplete ApplicationReply to Missing Parts  
under 37 CFR 1.52 or 1.53

Drawing(s)



Licensing-related Papers



Petition



Petition to Convert to a



Provisional Application



Power of Attorney, Revocation



Change of Correspondence Address



Terminal Disclaimer



Request for Refund



CD, Number of CD(s) \_\_\_\_\_

☐ Landscape Table on CD

Remarks



After Allowance Communication to TC

Appeal Communication to Board  
of Appeals and InterferencesAppeal Communication to TC  
(Appeal Notice, Brief, Reply Brief)

Proprietary Information



Status Letter

Other Enclosure(s) (please identify  
below):

- Fax Transmission Cover Sheet

- PTOL-85, Part B - Fee(s) Transmittal

- Credit Card Payment Form

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name

The Law Offices of Andrew D. Fortney, Ph.D., P.C.

Signature



Printed name

Andrew D. Fortney, Ph.D.

Date

12-22-2005

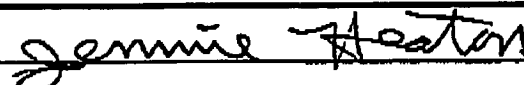
Reg. No.

34,600

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Signature



Typed or printed name

Jennie Heaton

Date

12-22-2005

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